

# Converting Colors

Hex(132EA9)

Have a look what the booklet for  
Hex(132EA9) contains.

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# Color

**Hex(132EA9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	132EA9
RGB	19, 46, 169
RGB Percent	7%, 18%, 66%
CMY	0.9255, 0.8196, 0.3373
CMYK	0.89, 0.73, 0.00, 0.34
HSL	229°, 80%, 37%
HSV	229°, 89%, 66%
XYZ	8.4070, 4.9570, 38.0498
YIQ	51.9490, -55.5750, 32.5290

# Conversions

## Conversions Part 2

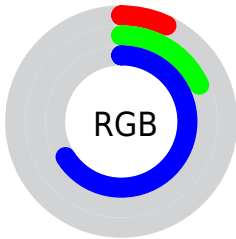
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	19, 42, 169
Decimal	1257129
CIE <sub>Lab</sub>	26.61, 39.11, -67.40
CIE <sub>LCh</sub>	27, 77.926, 300.121
Yxy	4.9570, 0.1635, 0.0964
Android (android.graphics.Color)	4279447209 (0xFF132EA9)
YUV	51.9490, 57.7061, -28.8963
Hunter-Lab	22.2643, 28.4388, -85.7417

# Details

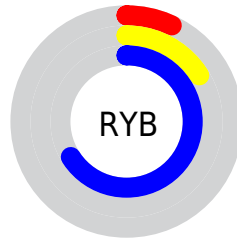
The Hex color **132EA9** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **A98E13**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **615CE1**, and **000673** is the 20% darker color. If you saturate the color by 10%, you get **0220A9**, and if you desaturate by 10%, it is **243CA9**.

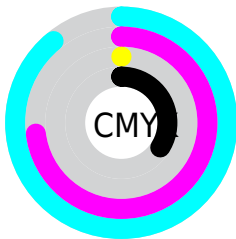
# Distribution



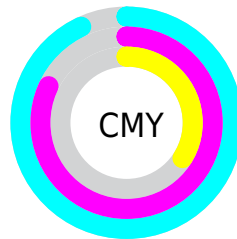
- Red (7%)
- Green (18%)
- Blue (66%)



- Red (7%)
- Yellow (16%)
- Blue (66%)



- Cyan (89%)
- Magenta (73%)
- Yellow (0%)
- Black (34%)



- Cyan (93%)
- Magenta (82%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 132EA9 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 132EA9 by changing the saturation by 10% instead.



■ 132EA9

■ 132EA9

FFFFFF

■ 00198E

■ 615CE1

■ 000673

■ 7F75FF

■ 00005A

■ 9D8FFF

■ 000741

■ BBAAFF

■ 00032A

■ D9C5FF

■ 000115

■ F8E1FF

■ 000000

FFFEFF

■ 132EA9

■ 132EA9

■ 0220A9

■ 243CA9

■ 001EA9

■ 354AA9

■ 4658A9

■ 5765A9

■ 6773A9

■ 7881A9

■ 898FA9

■ 9A9DA9

■ ABABA9

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0049BA



132EA9



81007C

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



132EA9



7A1C00



00533E

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



132EA9



A98E13

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



005100



132EA9



4E3E00

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



132EA9



970005



004B00



00547A

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



132EA9



980055



004B00



005228



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



132EA9



A0ABDB



13A98D



4B516E



EDEDED



6E6E6E



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



132EA9



0027DB



4213A9



4C4D54



001B94



000414



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



A9132E



DB0027



79A913



544C4D



94001B

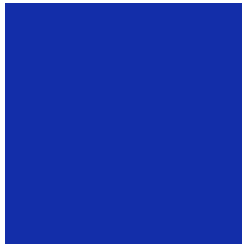


140004



# Previews

## White Background



This preview shows how the Hex color 132EA9 looks on a white background.

## Color Contrast Check

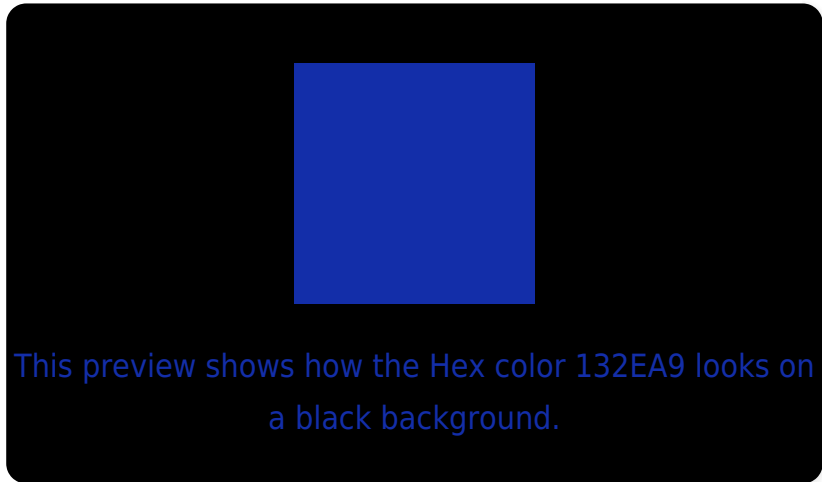
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

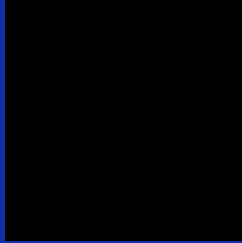
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 132EA9 Background



This preview shows how black text looks on a background with the Hex color 132EA9.



This preview shows how white text looks on a background with the Hex color 132EA9.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


## Dichromacy



**Original Color**  
132EA9

**Protanopia**  
003D80

**Deuteranopia**  
00416D



**Tritanopia**  
00464A

# Trichromacy



**Original Color**  
132EA9

**Protanomaly**  
07388F

**Deuteranomaly**  
073A83

**Tritanomaly**  
073D6D

# Monochromacy



**Original Color**  
132EA9

**Achromatopsia**  
343434

**Achromatomaly**  
28325F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 132EA9 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #132EA9 looks like.

```
.text, #text, p{  
    color:#132EA9  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #132EA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #132EA9
}
```

## Border

The CSS property to change the border of an element to Hex 132EA9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#132EA9 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#132EA9 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #132EA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #132EA9; -webkit-box-shadow:4px 4px  
4px 4px #132EA9; box-shadow:4px 4px 4px  
4px #132EA9 }
```

# Background

The CSS property to change the background color of an element to Hex 132EA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#132EA9 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#132EA9 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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